

## ABSTRACT

A system for controlling at least one selected motion control device selected from a group of supported motion control devices. The system  
5 comprises a set of software drivers, a selection component, and a software system. Each software driver in the set of software drivers is associated with one motion control device in the group of supported motion control devices, and a selected software driver is associated with at least one selected motion control device. The selection component identifies at least one selected software driver  
10 from the set of software drivers. The software system calls a series of component function calls to control the at least one selected motion control device associated with the at least one selected software driver based on the at least one selected software driver such that the at least one motion control device moves in a desired manner.

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